

1 This listing of claims will replace all prior versions, and listings, of claims  
2 in the application:

3  
4 **Listing of Claims**

5  
6 Claim 1 (Currently amended): A method performed by a computer  
7 comprising:

8 referencing one or more multimedia objects through a first set of one or  
9 more elements;

10 associating the first set of one or more elements with a second set of one or  
11 more elements; and

12 arranging the second set of one or more elements to indicate timing for the  
13 multimedia objects referenced by the first set of one or more elements.

14  
15 Claim 2 (Original): The method of claim 1 wherein the referencing is  
16 performed by pointers in the first set of one or more elements that point to the  
17 multimedia objects.

18  
19 Claim 3 (Original): The method of claim 1 wherein the referencing and  
20 associating are performed by the same document.

21  
22 Claim 4 (Original): The method of claim 1 wherein the arranging is  
23 performed through a time container that defines the second set of one or more  
24 elements.

1           Claim 5 (Original):     The method of claim 4 wherein the time container  
2 is defined by SMIL conventions.

3  
4           Claim 6 (Original):     The method of claim 4 wherein the time container  
5 defines that the elements of the second set of one or more elements are rendered at  
6 the same time.

7  
8           Claim 7 (Original):     The method of claim 4 wherein the time container  
9 defines that the elements of the second set of one or more elements are rendered  
10 one after another in an ordered list.

11  
12          Claim 8 (Original):     The method of claim 4 wherein the time container  
13 defines that the elements of the second set of one or more elements are rendered  
14 exclusive of one another.

15  
16          Claim 9 (Original):     The method of claim 1 further comprising  
17 rendering of the multimedia objects based on the arranging of the second set of  
18 one or more elements.

19  
20          Claim 10 (Original):    The method of claim 1 further comprising  
21 associating the second set of one or more elements with a third set of one or more  
22 elements.

1           Claim 11 (Original):   The method of claim 1 wherein the referencing is  
2 performed by a first document and the associating is performed by a second  
3 document.

4  
5           Claim 12 (Original):   The method of claim 11 wherein the first and  
6 second documents are written in XML.

7  
8           Claim 13 (Original):   The method of claim 11 wherein the first document  
9 is written in XML, and the second document is a style sheet.

10  
11          Claim 14 (Original):   The method of claim 1 further comprising  
12 receiving an input to initiate an event affecting an element in the first set of one or  
13 more elements and providing a proxy element in the second set of elements that is  
14 configured to reference application of the event.

15  
16          Claim 15 (Original):   The method of claim 14 wherein the arranging is  
17 performed through a time container that defines the second set of one or more  
18 elements.

19  
20          Claim 16 (Original):   The method of claim 15 wherein the time container  
21 is defined by SMIL conventions.

22  
23          Claim 17 (Original):   A multimedia device that performs the method of  
24 claim 1.

1 Claim 18 (Canceled)

2  
3 Claim 19 (Currently amended): A method performed by a computer  
4 comprising:

5 referencing one or more multimedia objects through a first set of one or  
6 more elements in a first document;

7 associating the first set of one or more elements in the first document to a  
8 second set of one or more elements in a second document; and

9 arranging the second set of one or more elements of the second document  
10 to indicate timing for the multimedia objects referenced by the first set of one or  
11 more elements in the first document.

12  
13 Claim 20 (Original): The method of claim 19 wherein the referencing is  
14 performed by pointers in the first set of one or more elements in the first document  
15 that point to the one or more multimedia objects.

16  
17 Claim 21 (Original): The method of claim 19 wherein the arranging is  
18 performed through a time container that defines the second set of one or more  
19 elements.

20  
21 Claim 22 (Original): The method of claim 21 wherein the time container  
22 is defined by SMIL conventions.  
23  
24  
25

1           Claim 23 (Original):    The method of claim 21 wherein the time container  
2 defines that the elements of the second set of one or more elements are rendered at  
3 the same time.

4  
5           Claim 24 (Original):    The method of claim 21 wherein the time container  
6 defines that the elements of the second set of one or more elements are rendered  
7 one after another in an ordered list.

8  
9           Claim 25 (Original):    The method of claim 21 wherein the time container  
10 defines that the elements of the second set of one or more elements are rendered  
11 exclusive of one another.

12  
13          Claim 26 (Original):    The method of claim 19 further comprising  
14 associating the second set of one or more elements in the second document to a  
15 third set of one or more elements in a third document.

16  
17          Claim 27 (Original):    The method of claim 26 wherein the first, second,  
18 and third documents are written in XML.

19  
20          Claim 28 (Original):    The method of claim 19 wherein the first and  
21 second documents are written in XML.

22  
23          Claim 29 (Original):    The method of claim 19 wherein the first document  
24 is written in XML, and the second document is a style sheet.

1           Claim 30 (Original):   The method of claim 19 further comprising  
2 receiving an input to initiate an event affecting an element in the first set of one or  
3 more elements of the first document and providing a proxy element in the second  
4 document that is configured to reference initiation of the event.

5  
6           Claim 31 (Original):   The method of claim 19 wherein the arranging is  
7 performed through a time container that defines the second set of one or more  
8 elements in the second document.

9  
10          Claim 32 (Original):   A multimedia device that performs the method of  
11 claim 19.

12  
13          Claim 33 (Canceled)

14  
15          Claim 34 (Original):   A multimedia device comprising:  
16 a processor; and  
17 instructions stored in a memory and executable on the processor configured  
18 to associate a first document with a second document through a first set of  
19 elements in the first document and a second set of elements in the second  
20 document, wherein the first set of elements reference multimedia objects and the  
21 second set of elements are arranged to provide a rendition timing for the  
22 multimedia objects.

23  
24          Claim 35 (Original):   The multimedia device of claim 34 wherein the  
25 rendition timing is a time container.

1  
2           Claim 36 (Original):   The multimedia device of claim 34 wherein the  
3 time container is defined by SMIL conventions.  
4

5           Claim 37 (Original):   The multimedia device of claim 34 wherein the  
6 instructions are further configured to associate a third set of elements in a third  
7 document with the second set of elements in the second document.  
8

9           Claim 38 (Original):   The multimedia device of claim 34 wherein the  
10 instructions are further configured to receive an event initiating input and inform  
11 the second document of occurrence of the event.  
12

13           Claim 39 (Original):   The multimedia device of claim 34 wherein the  
14 instructions are further configured to associate the first set of elements in the first  
15 document with a third set of elements in a third document.  
16

17           Claim 40 (Original):   One or more computer-readable media carrying  
18 data structures comprising:

19           a first content document formatted in a textual markup language having  
20 tagged elements that reference one or more multimedia objects; and

21           a timing document formatted in a textual markup language having a  
22 plurality of tagged elements; at least some of the tagged elements of the timing  
23 document referencing the elements of the first content document; and the tagged  
24 elements of the timing document specifying rendition timings for the multimedia  
25 objects referenced by the tagged elements of the first content document.

1  
2 Claim 41 (Original): The one or more computer readable media of claim  
3 40 wherein the rendition timings are defined by time containers.  
4

5 Claim 42 (Original): The one or more computer readable media of claim  
6 40 further comprising a second content document formatted in a textual markup  
7 language having tagged elements that reference the tagged elements of the first  
8 content document.  
9

10 Claim 43 (Original): One or more computer-readable media carrying  
11 data structures comprising:

12 a first document formatted in a textual markup language having a plurality  
13 of tagged elements responsive to events; and

14 a second document formatted in a textual markup language having a  
15 plurality of tagged elements; at least some of the tagged elements of the second  
16 document referencing the events affecting the tagged elements of the first  
17 document.  
18

19 Claim 44 (Original): The one or more computer-readable media of claim  
20 43 wherein the tagged elements of the second document specify rendition timings  
21 for multimedia objects that are referenced by the tagged elements of the first  
22 document.  
23  
24  
25



1           Claim 45 (Original):    A system comprising:  
2           a broadcast point providing multimedia objects; and  
3           a multimedia device that receives the multimedia objects, a first document  
4 that references the multimedia objects, and second document that provides  
5 rendition timing for the multimedia objects.

6  
7           Claim 46 (Original):   The system of claim 45 wherein the multimedia  
8 device further receives an input that initiates an event in the first document, and  
9 informs the second document.

10  
11          Claim 47 (Original):   The system of claim 45 wherein the multimedia  
12 device further receives a third document referenced by the second document.

13          reading at least a subset of audio content comprising an audio file from  
14 optical media removably integrated with an optical drive; and

15          analyzing at least the read subset of audio content to quantify optical drive  
16 read accuracy; and

17          generating one or more metrics of optical drive read accuracy based, at least  
18 in part, on the analysis of the read subset of audio content.